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Material Safety Data Sheet

GRANT'S MOLE & GOPHER BAIT

November, 2000

SECTION 1 - PRODUCT IDENTIFICATION

EMERGENCY

Telephone: 1-510-483-6070

EPA REG. NUMBER: 12455-30-1663

CHEMICAL NAME: Zinc Phosphide

SECTION 2 - COMPOSITION

<u>COMPONENT</u>	<u>PERCENTAGE</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>
Zinc Phosphide (CAS No. 1314-84-7)	2.0%	n/a	n/a

This product contains no components subject to the reporting requirements of Section 313 of the Superfund Amendment and Reauthorization Act (SARA) of 1986.

SECTION 3 - PHYSICAL DATA

<u>PHYSICAL FORM:</u> pellet	<u>COLOR:</u> gray	<u>ODOR:</u> slight garlic
<u>SPECIFIC GRAVITY:</u> N/A	<u>VAPOR DENSITY (AIR=1):</u> N/A	<u>MELTING POINT:</u> N/A
<u>WATER REACTIVITY:</u> N/A	<u>EVAPORATION RATE:</u> N/A	<u>VAPOR PRESSURE:</u> N/A
<u>BOILING POINT:</u> N/A	<u>SOLUBILITY:</u> Not soluble in H ₂ O	<u>BULK DENSITY:</u> 0.774 gm/cc

SECTION 4 - FIRE & EXPLOSION HAZARDS

FLASH POINT: N/A
FLAMMABLE LIMIT: Upper Limit - N/A. Lower Limit - N/A.
EXTINGUISHING MEDIA: Water, foam or inert gas.
SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with protective clothing and self-contained breathing apparatus.
UNUSUAL FIRE OR EXPLOSION HAZARDS: None known.

SECTION 5 - REACTIVITY DATA

STABILITY: Stable. CONDITIONS TO AVOID: None known.
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY: Strongly acidic materials.
HAZARDOUS DECOMPOSITION: Phosphine gas.

SECTION 6 - TOXICITY DATA

LD₅₀ ORAL (INGESTION): >5000 mg/kg (rats) LD₅₀ DERMAL (SKIN CONTACT): >1500 mg/kg (rats)
LC₅₀ INHALATION: N/A EYE IRRITATION: None (rabbits)
SKIN IRRITATION: None (rabbits) DERMAL SENSITIZATION: Not considered a sensitizer

SECTION 7 - HEALTH HAZARDS DATA

ROUTE(S) OF ENTRY: Ingestion

SIGNS & SYMPTOMS OF EXPOSURE: Nausea, abdominal pain, tightness in chest, chills.

SECTION 8 - FIRST AID

IF IN EYES: Flush with cool water for at least 15 minutes. If irritation develops, obtain medical assistance.

IF ON SKIN: Wash with soap and water.

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not give anything by mouth or induce vomiting unless instructed by physician.

IF INHALED: Remove victim to fresh air.

SECTION 9 - SPECIAL PROTECTION INFORMATION

RESPIRATOR TYPE: Not required.

EYE PROTECTION: Not required

SKIN PROTECTION: Rubber gloves.

VENTILATION: Not required.

ADDITIONAL MEASURES: Not required.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:

HEALTH: 2 (Moderate) FIRE: 0 (Will not burn) REACTIVITY: 0 (Stable) SPECIFIC HAZARD: None

HAZARDOUS MATERIAL INFORMATION (HMIS) RATINGS:

HEALTH: 2 (Moderate) FLAMMABILITY: 0 (Minimal) REACTIVITY: 0 (Minimal) PROTECTIVE EQUIPMENT: B

SECTION 10 - SPILL AND DISPOSAL PROCEDURES

SPILL: Ventilate area and remove all sources of ignition. Sweep up spilled material, place in properly labeled container for disposal or re-use.

WASTE DISPOSAL: Wastes resulting from use may be disposed of on-site or at an approved waste disposal facility. Dispose of all wastes in accordance with all Federal, state and local regulations.

SECTION 11 - SPECIAL PRECAUTIONS AND STORAGE DATA

STORAGE TEMPERATURE: Room temperature.

AVERAGE SHELF LIFE: Stable for a minimum of 1 year when stored at room temperature.

SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE): Avoid exposure to acidic conditions, light, heat and extreme humidity. Exposure to acidic conditions may result in the liberation of phosphine gas.

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Store in a cool, dry place inaccessible to children, pets and wildlife. Keep container tightly closed when not in use. Avoid contamination of lakes, streams and ponds by use, storage or disposal. Wash thoroughly with soap and water after handling.

SECTION 12 - SHIPPING DATA

DOT SHIPPING NAME: None required.

DOT HAZARD CLASSIFICATION: Non-hazardous.

DOT LABELS REQUIRED: None.

FREIGHT CLASSIFICATION: LTL Class 60

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ABBREVIATIONS KEY: N/A = Not available or applicable; N/E = Not established; TLV=Threshold Limit Value